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PATENT  
Attorney Docket No.: ECULL-00101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 3635  
Farook Afsari ) Examiner:  
Serial No.: 10/637,188 ) **TRANSMITTAL LETTER**  
Filed: August 8, 2003 ) 162 N. Wolfe Road  
For: **METHOD OF AND APPARATUS** ) Sunnyvale, CA 94086  
**FOR MULTI-STAGE SORTING OF** ) (408) 530-9700  
**GLASS CULLETS** ) Customer No.: 28960

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed please find an Information Disclosure Statement, and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. An originally executed duplicate of this transmittal is enclosed for this purpose.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: September 7, 2004

By: Jonathan O. Owens  
Jonathan O. Owens  
Reg. No.: 37,902

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.  
Date: 9-7-04 By: [Signature]



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Serial No.: 10/637,188	)	<b><u>INFORMATION DISCLOSURE</u></b>
	)	<b><u>STATEMENT</u></b>
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	)	Sunnyvale, CA 94086
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Alexandria, VA 22313-1450

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

Applicant has become aware of the following printed publications which may be material to the examination of this application:

- U.S. Patent No. 2,627,975;
- U.S. Patent No. 3,351,198;
- U.S. Patent No. 3,650,396;
- U.S. Patent No. 3,802,558;
- U.S. Patent No. 3,897,330;
- U.S. Patent No. 3,980,180;
- U.S. Patent No. 4,076,979;
- U.S. Patent No. 4,131,540;
- U.S. Patent No. 4,276,983;
- U.S. Patent No. 4,278,538;
- U.S. Patent No. 4,352,430

- U.S. Patent No. 4,379,525;
- U.S. Patent No. 4,584,455;
- U.S. Patent No. 4,630,736;
- U.S. Patent No. 4,657,144;
- U.S. Patent No. 4,699,273;
- U.S. Patent No. 4,699,510;
- U.S. Patent No. 4,765,489;
- U.S. Patent No. 4,863,041;
- U.S. Patent No. 4,915,825;
- U.S. Patent No. 4,919,534;
- U.S. Patent No. 4,951,825;
- U.S. Patent No. 5,021,645;
- U.S. Patent No. 5,085,325;
- U.S. Patent No. 5,143,308;
- U.S. Patent No. 5,148,923;
- U.S. Patent No. 5,148,993;
- U.S. Patent No. 5,150,307;
- U.S. Patent No. 5,156,278;
- U.S. Patent No. 5,215,772;
- U.S. Patent No. 5,314,071;
- U.S. Patent No. 5,315,384;
- U.S. Patent No. 5,318,172;
- U.S. Patent No. 5,333,739;
- U.S. Patent No. 5,335,791;
- U.S. Patent No. 5,339,963;
- U.S. Patent No. 5,350,118;
- U.S. Patent No. 5,398,818;
- U.S. Patent No. 5,402,264;
- U.S. Patent No. 5,419,438;
- U.S. Patent No. 5,440,127;
- U.S. Patent No. 5,443,164;
- U.S. Patent No. 5,456,127;

- U.S. Patent No. 5,464,981;
- U.S. Patent No. 5,469,973;
- U.S. Patent No. 5,481,864;
- U.S. Patent No. 5,483,057;
- U.S. Patent No. 5,501,344;
- U.S. Patent No. 5,512,758;
- U.S. Patent No. 5,531,331;
- U.S. Patent No. 5,533,628;
- U.S. Patent No. 5,555,984;
- U.S. Patent No. 5,590,791;
- U.S. Patent No. 5,632,381;
- U.S. Patent No. 5,675,416;
- U.S. Patent No. 5,782,364;
- U.S. Patent No. 5,789,741;
- U.S. Patent No. 5,794,788;
- U.S. Patent No. 5,799,105;
- U.S. Patent No. 5,813,542;
- U.S. Patent No. 5,848,706;
- U.S. Patent No. 5,862,919;
- U.S. Patent No. 5,884,775;
- U.S. Patent No. 5,894,938;
- U.S. Patent No. 5,895,910;
- U.S. Patent No. 5,913,427;
- U.S. Patent No. 5,954,206;
- U.S. Patent No. 5,966,217;
- U.S. Patent No. 5,979,240;
- U.S. Patent No. 6,137,074;
- U.S. Patent No. 6,144,004;
- U.S. Patent No. 6,313,422 B1;
- U.S. Patent No. 6,504,124 B1;
- U.S. Patent No. 6,506,991 B1;

- Japan Patent No. 59-183340;
- European Patent No. 0 461 616 A2;
- European Patent No. 0 426 893 A1; and
- Germany Patent No. 3828067 A1.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: September 7, 2004

By: Jonathan O. Owens  
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FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: ECULL-00101

Serial No.: 10/637,188

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Several Sheets (if Necessary)

Applicant: Farook Afsari

(37 CFR § 1.98(b))

Filing Date: August 08, 2003

Group Art Unit: 3635

## U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA	2,627,975	02/10/53	K.H.R. Ekstrom et al.	209	111	05/18/49
	AB	3,351,198	11/07/67	James H. Wyman et al.	209	111.6	02/25/65
	AC	3,650,396	03/21/72	Gillespie et al.	209	3	11/18/70
	AD	3,802,558	04/09/74	Rhys	209	75	04/02/73
	AE	3,897,330	07/29/75	Rhys	209	75	05/24/73
	AF	3,980,180	09/14/76	Jamieson	209	111.6	11/20/74
	AG	4,076,979	02/28/78	Walter et al.	250	226	06/30/76
	AH	4,131,540	12/26/78	Husome et al.	209	582	05/04/77
	AI	4,276,983	07/07/81	Witmer	209	587	10/23/78
	AJ	4,278,538	07/14/81	Lawrence et al.	209	580	04/10/79
	AK	4,352,430	10/05/82	Maier et al.	209	577	01/16/80
	AL	4,379,525	04/12/83	Nowicki et al.	241	20	08/06/81
	AM	4,584,455	04/22/86	Tomizawa	219	121	08/18/83
	AN	4,630,736	12/23/86	Maughan et al.	209	587	06/15/84
	AO	4,657,144	04/14/87	Martin et al.	209	546	02/25/85
	AP	4,699,273	10/13/87	Suggi-Liverani et al.	209	580	11/30/84
	AQ	4,699,510	10/13/87	Alguard	356	73	11/07/84
	AR	4,765,489	08/23/88	Satake	209	557	01/31/80
	AS	4,863,041	09/05/89	Bailey	209	580	10/28/86
	AT	4,915,825	04/10/90	Christie et al.	209	166	05/19/89
	AU	4,919,534	04/24/90	Reed	356	73	09/30/88
	AV	4,951,825	08/28/90	Hawkins et al.	209	558	05/25/89
	AW	5,021,645	06/04/91	Satula et al.	250	223	07/11/89
	AX	5,085,325	02/04/92	Jones et al.	209	580	09/29/89
	AY	5,143,308	09/01/92	Hally et al.	241	76	03/26/91
	AZ	5,148,923	09/22/92	Fraenkel et al.	209	539	02/15/91
	BA	5,148,993	09/22/92	Kashiwagi	241	24	05/21/91
	BB	5,150,307	09/22/92	McCourt et al.	364	478	10/15/90
	BC	5,156,278	10/20/92	Aaron et al.	209	556	02/13/90
	BD	5,215,772	06/01/93	Roth	426	231	02/13/93
	BE	5,314,071	05/24/94	Christian et al.	209	4	12/10/92
	BF	5,315,384	05/24/94	Heffington et al.	348	93	11/25/92
	BG	5,318,172	06/07/94	Kenny et al.	209	524	02/03/92
	BH	5,333,739	08/02/94	Stelte	209	582	03/24/93

Examiner:

Date Considered:

**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
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Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	BI	5,335,791	08/09/94	Eason	209	588	08/12/93
	BJ	5,339,963	08/23/94	Tao	209	581	03/06/92
	BK	5,350,118	09/27/94	Mitchell et al.	239	551	08/02/93
	BL	5,398,818	03/21/95	McGarvey	209	580	02/09/94
	BM	5,402,264	03/28/95	Wilbur et al.	359	508	07/28/93
	BN	5,419,438	05/30/95	Squyres et al.	209	3.1	11/24/93
	BO	5,440,127	08/08/95	Squyres	250	341.8	05/17/93
	BP	5,443,164	08/22/95	Walsh et al.	209	580	08/10/93
	BQ	5,456,127	10/10/95	Gschweidl	73	866	02/14/94
	BR	5,464,981	11/07/95	Squyres et al.	250	341.8	02/10/95
	BS	5,469,973	11/28/95	Booth et al.	209	580	08/04/94
	BT	5,481,864	01/09/96	Wright	57	400	07/11/94
	BU	5,483,057	01/09/96	Gross et al.	250	226	07/01/94
	BV	5,501,344	03/26/96	Kaiser et al.	209	578	04/14/95
	BW	5,512,758	04/30/96	Kobayashi et al.	250	461.1	04/28/94
	AP	5,531,331	07/02/96	Barnett	209	580	08/04/92
	BX	5,533,628	07/09/96	Tao	209	580	08/19/94
	BY	5,555,984	09/17/96	Sommer Jr. et al.	209	580	07/23/93
	BZ	5,590,791	01/07/97	Gschweidl	209	577	02/01/95
	CA	5,632,381	05/27/97	Thust et al.	209	44.1	05/15/95
	CB	5,675,416	10/07/97	Campbell et al.	356	367	01/22/96
	CC	5,782,364	07/21/98	Macenka	209	643	11/30/95
	CD	5,789,741	08/04/98	Kinter et al.	250	226	10/31/96
	CE	5,794,788	08/18/98	Massen	209	524	04/28/94
	CF	5,799,105	08/25/98	Tao	382	167	05/11/95
	CG	5,813,542	09/29/98	Cohn	209	581	04/05/96
	CH	5,848,706	12/15/98	Harris	209	580	03/19/96
	CI	5,862,919	01/29/99	Eason	209	577	10/10/96
	CJ	5,884,775	03/23/99	Campbell	209	581	06/14/96
	CK	5,894,938	04/20/99	Ichise et al.	209	559	07/07/97
	CL	5,895,910	04/20/99	Christian	250	208.2	04/11/96
	CM	5,913,427	06/22/99	Gschweidl	209	10	08/05/97
	CN	5,954,206	09/21/99	Mallon et al.	209	580	07/25/95
	CO	5,966,217	10/12/99	Roe et al.	356	402	09/22/97

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Date Considered:

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**U.S. PATENT DOCUMENTS**

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	CP	5,979,240	11/09/99	Rix et al.	73	602	05/13/97
	CQ	6,137,074	10/24/00	Doak	209	581	06/10/99
	CR	6,144,004	11/07/00	Doak	209	581	10/30/98
	CS	6,313,422 B1	11/06/01	Anibus	209	580	07/28/99
	CT	6,504,124 B1	01/07/03	Doak	209	581	10/10/00
	CU	6,506,991 B1	01/14/03	Eixelberger et al.	209	581	04/28/00
	CV						
	CW						
	CX						
	CY						
	CZ						
	DA						
	DB						
	DC						
	DD						

**FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS**

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	DE	59-183340	18/10/84	Japan	G01J3	46	X	
	DF	0 461 616 A2	11/06/91	European	B07C	5/342		X
	DG	0 426 893 A1	08/11/89	European	B07C	5/34		X
	DH	DE 3828067 A1	22/2/90	Germany	B07C	5/342		X
	DI							

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

	DJ	
	DK	
	DL	
	DM	
	DN	
	DO	
	DP	
	DQ	
	DR	

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